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HAWAIIAN BOTANICAL SOCIETY

NEWSLETTER

Vol. I, No. 8 Honolulu, Hawaii April 1962

NEXT MEETING: April 2, 1962 (Monday) - 7:30 p. m.

PLACE: Agee Hall, Experiment Station of the Hawaiian Sugar Planters' Association, 1527 Keeaumoku Street, Honolulu 14.

SUBJECT: "Cell Culture and Growth in Vitro." (illustrated)

SPEAKER: Dr. L. G. Nickell, Principal Plant Physiologist and Head, Department of Physiology and Biochemistry, H.S.P.A. Experiment Station.

The speaker has been here for eight months and replaces Dr. George Burr, who retired. Dr. Nickell comes to us after a 11 years' residence in Connecticut, where he was Head of Phycochemistry at the Pfizer Pharmaceutical Company. He received all of his degrees from Yale University, and is a native of Arkansas.

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NEW MEMBERS:

Plant Quarantine Division, Agricultural Research Service, U. S. Department of Agriculture: Messrs. Jules Fine, Francis L. Madinger, William H. Miller, Ray I. Miyamoto, and John Wuotila.

Experiment Station of the Hawaiian Sugar Planters' Association: Mr. Koshun Kawamura, Mr. Joe Nishibun, Dr. Louis G. Nickell, and Dr. George Stanford.

Members are asked to canvass fellow employees for Society membership - - as has been done at the following: University of Hawaii, Hawaiian Sugar Planters' Association, Pineapple Research Institute, Bernice P. Bishop Museum, and Plant Quarantine Division(USDA). The Society was founded in 1924 with the understanding that it was essential to proper development of a knowledge of botany in Hawaii - - and that it would treat botany in its broadest sense, that any person interested in plant life should be made eligible for membership. Nomination to regular membership should be made in writing to the Chairman of the Membership Committee, Dr. Constance Hartt, H.S.P.A. She has a supply of application blanks, which should be completed in duplicate (one copy each to the secretary and treasurer).

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DUES for the year 1962 should be remitted to the Treasurer, Mr. William M. Bush, Castle & Cooke, Inc., P. O. Box 2990, Honolulu 2.

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BERNICE PAUAHI BISHOP MUSEUM's new visiting hours (effective April 1): Monday - Saturday, 9 a. m. to 4:30 p. m.; Sunday, 2 - 5 p.m. Weekday admission charges are 50¢ for adults and 25¢ for children under 16 (children under 12 are admitted free when accompanied by an adult).

Hoolani, the Hawaii Planetarium and Observatory: Monday, Wednesday, Thursday, and Friday mornings, 9:30 a. m. and 10:30 a. m. Wednesday, Saturday and Sunday: 2:30 p. m. Friday: (evening). (closed on Tuesdays). Day program admission fees: adults, 75¢; children under 16, 25¢. Night program admission for adults: $1.00. (It is requested that children under five not attend).

Admission to the museum and planetarium is free for members of the Bishop Museum Association.

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of SCIENCE Spring Session will be held on Wednesday and Thursday,
(7:30 p.m.) at Agee Hall, HSPA. The annual banquet will be held at
Hawaiian Village Hotel, on Saturday, April 28 (7:00 p.m.). The
evening will include presentation of the winners of the Fifth Annual
ence Fair, and talks by Dr. Roland W. Force, Director, Bernice P. Bis
Dr. Robert M. Hiatt, Dean, Graduate School and Director of Research.

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P U B L I C A T I O N S :

& Isa. (May.) 1961. A new Hawaiian variety of Capparis. Phytol
(Sept.)1961. Scaevola misconceptions. Taxon 10(7):227-230.
(July) 1961. A new Dodonaea from Molokai, Hawaii. Phytol
(July) 1961. Gouldia in Hawaii. Phytologia 7(9):465-48
S. (Oct.) 1961. Acanthophora, a possible invader of the marine flo
Pacific Science XV(4):547-552.
William J. (Jan.) 1962. Contribution to the marine Chlorophyta of Ha
ic Science (XVI(1):135-144.
Sherwin (Jan.) 1962. Trematolobelia: seed dispersal; anatomy of fruit
Sci. XVI(1):126-134.
J. R. and Benjamin C. Stone. (Oct.) 1961. The vegetation of Yanag
Caroline Islands. Pac. Sci. XV(4):561-562.
Charles N. (Dec.) 1961. Botanical observations on Leeward Hawaiian atol
Research Bulletin no. 79:1-10.
Harold. (Oct.) 1961. Revision of the genus Pandanus Stickman.
Part 6. New Pandanus species from Queensland, Australia.
575.
Part 7. New species from Borneo, Papua, and the Solomon Islands
XV(4):576-590.
(Jan.) 1962. Revision of the genus Pandanus Stickman.
Part 8. The Hong Kong Costal Pandanus. Pac. Sci. XVI(1):
Part 9. Three new Pandanus species from Queensland, Austra
XVI(1):74-87.
Part 10. New Pandanus species from Vietnam. Pac.Sci.XVI(
Joel J., Laura P. Horigan, and Webster R. Hudgins. (Jan.) 1962. A su
in Hawaiian Plants, III. Pac. Sci. XVI(1):63-69.
Benjamin C. (Oct.) 1961. Pandanus pistillaris in the Caroline Islands:
of long-range oceanic dispersal. Pac. Sci. XV(4):610-614.

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I N F O R M A T I O N : A questionnaire concerning information
members will be found in this issue, to be used for a catalog. Ple
form to the Secretary. Some of the information will be utilized in a
ry. Please mail or give the forms on or before the May 7 meeting.

B O T A N I C A L I N S T I T U T E -- A group of representative botanists of the University of Hawaii and other institutions were asked by University President L. H. Snyder to investigate the advisability of establishing a Botanical Institute on the university campus to provide research and teaching facilities. This committee recommended the construction of a building to house the laboratory and classroom activities of the various departments concerned with botany. It appears that the building may be located so as to complete the Life Science Group of classroom buildings on the university campus. Funds to provide special facilities for tropical botanical research would be sought from granting agencies outside of the State. At least one has indicated interest in considering this matter as soon as the University officially undertakes the planning of such an institute. The construction as envisaged would provide botanists of the State with laboratory research facilities unparalleled in the tropics or outside the continental United States.

* * *

STATE PARKS CONFERENCE group voted to unite with the CONSERVATION COUNCIL OF HAWAII at their follow-up meeting on March 7. The conference group, representing over 42 conservation and recreation organizations, had President C. H. Lamoureux as our Society representative. The unification of the different groups enables the presentation of unified plans (with majority and minority viewpoints) to the legislature on parks and conservation. The latter includes preservation, restoration, and wise use. HB 384 would provide for $500,000 to acquire a portions of Kahana valley, which would include space within the State Park for a botanical garden. It was suggested at the meeting that the Council expand its activities with more frequent meetings, a newsletter, and dues raised to provide three different types of membership: (1) individual, (2) organizational, and (3) complimentary for legislators, etc.

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CONSERVATION COUNCIL OF HAWAII Officers - President, Leslie J. Watson (Board of Water Supply); Vice-President, Dr. Roland W. Force (Bishop Museum); Secretary, Herbert Welder, Jr. (Alexander & Baldwin); Treasurer, Miss Agnes Conrad (Public Archives).
Committee Chairman: Land, Dr. George Stanford (HSPA); Water, Peter H. N. Kendall (Oahu Sugar Co.); Flora & Constitutional Revision, Dr. Charles H. Lamoureux (Univ. Hawaii); Fauna & Legislative, William Ward (Bank of Hawaii); and Sites, Ted M. Damron (Harland Bartholomew & Associates).
Your society's representatives are Donald Anderson and Alvin K. Chock.

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HORTICULTURE DEPARTMENT SEMINARS - Henke Hall Conference Room (224) on Thursdays at 11:10 a.m. April 5 - Research in Hawaii on inheritance of bacterial wilt disease resistence in tomatoes, by Mr. Juan C. Acosta, Graduate Assistant in Horticulture from the Philippines. April 12 - The calcium ion and pollen growth, by Dr. Beyoung H. Kwack, Post Doctoral Fellow (NSF) in Horticulture from Korea, formerly with the Brookhaven National Laboratory. April 26 - Factors influencing flower bud initiation and fruit setting in fruit trees, by Mr. Pairoj Pholprasid, AID student in Horticulture from Thailand. May 3 - Major fruit crops of the Philippines, by Mr. Nestor V. Magalona, East-West Center student in Horticulture from the Philippines.

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EXECUTIVE COMMITTEE DISCUSSION included a favorable response to the Hawaiian Botanical Gardens Foundation, Inc., on their invitation for our Society to become a "Sponsoring Organization." It was also decided to send a member to discuss the Foster Garden land problem with H. R. A. and the Parks Board, to express our concern about the matter and to explore the different views and obtain the facts.
The possibility of having society sponsored excursions was discussed. This would include a visit to a small island in Kaneohe Bay to study limu (seaweed), a short hike to see the native forests, and a visit to Na La'au Hawaii, the area containing native plants on the slopes of Diamond Head because of the unceasing efforts of George C. Munro.

HAWAIIAN BOTANICAL SOCIETY

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(Please print or type)

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Business Address _____

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Occupation/Position Title _____

Previous Employment:

Position	Firm/Institution	Years

Education:

School and Address	Degree	Years

Fields of Interest: _____

Current Research Project(s): _____

Membership in Professional Organizations: _____

Remarks:

Signature _____

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